

09/869004

531 Rec'd P 22 JUN 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: RU-0124  
Inventors: Breslauer et al.  
Serial No.: Not Yet Assigned  
Filing Date: Herewith  
Examiner: Not Yet Assigned  
Group Art Unit: Not Yet Assigned  
Title: Methods and Kits for Screening Nucleic Acid Duplex Stability

"Express Mail" Label No. EL904679305US  
Date of Deposit June 22, 2001

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Box PCT, Washington, D.C. 20231

By Deborah Ehret  
Typed Name: Deborah Ehret

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.93, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

(XX) In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified

application, within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, no additional fee is required.

- ( ) In accordance with §1.97(b), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, therefore:

- ( ) Certification in Accordance with §1.97(e) is set forth below; or

- ( ) The fee of \$240.00 as set forth in §1.17(p) is attached.

- ( ) In accordance with §1.97(a), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before the payment of the Issue Fee, therefore included are: Certification in Accordance with §1.97(e); Petition Requesting Consideration of the Information Disclosure Statement; and the fee of \$130.00 as set forth in §1.17(i)(1).

(XX) Copies of each of the references listed on the attached Form PTO-1449 (modified) are enclosed herewith.

- ( ) In accordance with §1.93(d), copies of some or all of the references listed on the attached Form PTO-1449 (modified)

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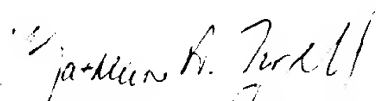
are not enclosed herewith because they were previously submitted to the U.S. Patent and Trademark Office in prior application Serial No. \_\_\_\_\_, filed \_\_\_\_\_, for which a claim for priority under 35 U.S.C. §120 has been made in the instant application.

Please charge any deficiency or credit any overpayment to Deposit Account No. 50-1619. This form is submitted in duplicate.

( ) The relevance of the listed references in a foreign language is as stated in the specification at pages 66.

(XX) All listed references are in the English language.

Respectfully submitted,



Kathleen A. Tyrrell

Registration No. 38,350

Date: June 22, 2001

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Sheet 01 of 02

<b>Form PTO-1449 Modified</b>  List of Patents and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. <b>RU-0124</b>	Serial No. <b>099004</b> Not Yet Assigned
	Applicant <b>Breslauer et al.</b>	
	Filing Date <b>Herewith</b>	Group <b>Not Yet Assigned</b>

## U. S. PATENT DOCUMENTS

Examiner		Document	Date	Name	Class	Subclass
	AA	5,972,612	10-26-99	Malmqvist et al.	435	6

## FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES NO	

EXAMINER	DATE CONSIDERED
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<b>Form PTO-1449 Modified</b>  List of Patents and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce		Docket No. <b>RU-0124</b>	Serial No. <b>Not Yet Assigned</b>
		Applicant <b>Breslauer et al.</b>	
		Filing Date <b>Herewith</b>	Group <b>Not Yet Assigned</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	AA	Gelfand et al., "A quantitative method for evaluating the stabilities of nucleic acid", <i>Proc. Natl. Acad. Sci. USA</i> <b>1999</b> 96:6113-6118	
	AB	Halbrook et al., "Enthalpy and heat capacity changes for formation of a dimeric DNA Duplex: Interpretation in terms of coupled processes of formation and denaturation of single-stranded Helices", <i>Biochemistry</i> <b>1999</b> 38:8409-8422	
	AC	Clivas et al., "Competitive triplex/quadruplex equilibria involving guanine-rich oligonucleotides", <i>Biochemistry</i> <b>1995</b> 34:274-284	
EXAMINER		DATE CONSIDERED	